

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
29 September 2005 (29.09.2005)

PCT

(10) International Publication Number
WO 2005/090919 A1

(51) International Patent Classification⁷: **G01C 21/36**,
B60K 35/00, 37/02

(21) International Application Number:
PCT/GB2005/000974

(22) International Filing Date: 15 March 2005 (15.03.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
0405794.9 15 March 2004 (15.03.2004) GB

(71) Applicant (for all designated States except US): **TOM-TOM B.V.** [NL/NL]; Rembrandtplein 35, NL-1017 CT Amsterdam (NL).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **RIDDIFORD, Martin** [GB/GB]; TomTom B.V., 2 Huntsworth Mews, London NW1 6DE (GB).

(74) Agent: **ORIGIN LIMITED**; 52 Muswell Hill Road, London N10 3JR (GB).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

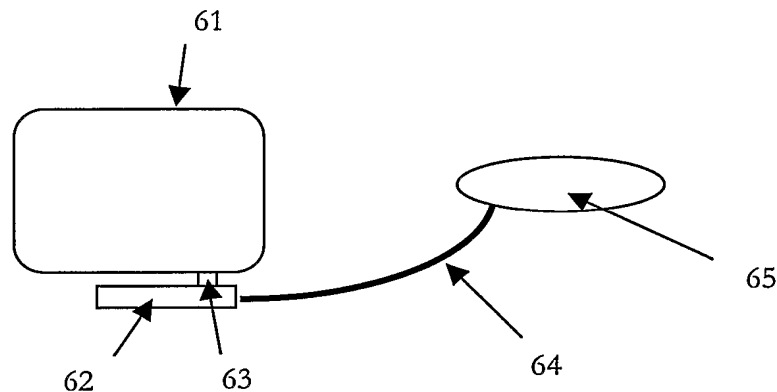
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: GPS NAVIGATION SYSTEM



(57) Abstract: A dock for a portable navigation device comprises a RF connector designed to automatically interface with a RF connector in the device in order to feed GPS RF signals from an external aerial to the device when the device is correctly mounted on the dock. RF signals from an external aerial are conventionally routed along a co-axial cable that is plugged directly into the navigation device. This means that a user has to first dock the device and then hook up the RF cable. But with the present invention, a user merely has to dock the navigation device onto the platform for an automatic connection to any external aerial connected to the dock to be made. There is no need to laboriously plug in a RF cable directly into the navigation device.

WO 2005/090919 A1